

48. A method for inducing an immune response in a mammal comprising administration of the isolated polynucleotide of Claim 28.

49. A therapeutic composition useful in treating humans with *Moraxella catarrhalis* comprising at least one antibody directed against the polypeptide of claim 27 and a suitable pharmaceutical carrier.

**REMARKS**

**Claims**

Claims 1-26 have been canceled without prejudice or disclaimer of the subject matter therein. Applicant reserves the right to prosecute, in one or more patent applications, the canceled claims, the claims as originally filed, and any other claims supported by the specification.

New claims 27-49 have been introduced. No new matter is added.

**Support**

Support for the new claims is either apparent, or is as described in the text below. Support for the hybridization conditions may be found, for example, at page 14, last paragraph. Support for the recitation of sequence relatedness such as in claim 40 may be found in the specification, for example, at pages 46-50.

**Closing Remarks**

Allowance of the pending claims is respectfully requested.

Respectfully submitted,



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